

DTOS Rec'd PCT/PTO 14 MAR 2005

10/517760

**TRANSMITTAL
FORM**(To be used for all correspondence
after initial filing)

Application Number	10/517,760
Int'l Filing Date	June 11, 2003
First Named Inventor	Zaihui Zhang
Art Unit	
Examiner Name	
Attorney Docket No.	540057.412USPC

ENCLOSURES (check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 (2 Sheets)
<input checked="" type="checkbox"/> 16 Cited References
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53
<input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Request for Corrected Filing Receipt
<input type="checkbox"/> Licensing-related Papers
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<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>)
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_____ |
|---|---|---|

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature	<i>Carol J. Roth</i>		
Printed Name	Carol J. Roth		
Date	March 11, 2005	Reg. No.	32,783

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	<i>Lawrence Teague</i>	
Typed or printed name	Lawrence Teague	Date: March 11, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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March 11, 2005

Date

Lawrence Teague

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Zaihui Zhang et al.
Int'l Application No. : PCT/CA03/00864
U.S. Application No. : 10/517,760
Int'l Filing Date : June 11, 2003
For : METHODS OF USING ISOTHIAZOLE DERIVATIVES TO
TREAT CANCER OR INFLAMMATION

Docket No. : 540057.412USPC

Date : March 11, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they

are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

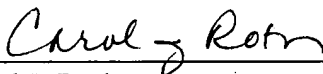
Applicants note that reference AG (DE 2021453) is written German. The reference is included on the attached Forms PTO-1449, since it was cited in the International Search Report as an "A" reference. The reference relates to 1,3,4-thiadiazol-dithiol-(2,5) and/or 1,2,4-triazolthiol-(3).

Applicants note that reference AK (SU 1491337) is written in Russian. Accordingly, applicants are also providing reference AI (EP 181779 B1), which is a corresponding European patent written in English.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Carol J. Roth
Registration No. 32,782

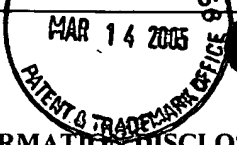
CJR:ljt

Enclosures:

Postcard
Transmittal Form
Form PTO-1449 (2 Sheets)
Cited References (16)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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FORM PTO-1449 (REV. 7-80)	 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 540057.412USPC	APPLICATION NO. 10/517,760
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Zaihui Zhang et al.	
		INT'L FILING DATE June 11, 2003	GROUP ART UNIT N/A

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,094,880	06/13/78	Goralski et al.	260	302 SD	
	AB	5,438,053	08/01/95	Sendai et al.	514	206	
	AC	5,578,622	11/26/96	Ikeda et al.	514	372	
	AD	5,952,359	09/14/99	Godfrey et al.	514	369	
	AE	6,262,044	07/17/01	Møller et al.	514	202	
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AG	DE 2021453	12/02/71	Germany		X
	AH	EP 0193249 A2	09/03/86	Europe		
	AI	EP 0181779 A1	05/21/86	Europe		
	AJ	GB 1268835	03/29/72	Great Britain		
	AK	SU 1491337	06/30/89	Soviet Union		X
	AL	WO 99/61467	12/02/99	PCT		
	AM	WO 99/62890	12/09/99	PCT		
	AN	WO 00/71532	11/30/00	PCT		
	AO	WO 03/043624	05/30/03	PCT		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Cutri, C.C., et al. "Synthesis and antiviral activity of a new series of 4-isothiazolecarbonitriles" Biorg Med Chem (1998) 6(12):2271-80.
	AQ	Davidson, D., et al. "PTP-PEST, a scaffold protein tyrosine phosphatase, negatively regulates lymphocyte activation by targeting a unique set of substrates" EMBO J (2001) 20(13):3414-26.
	AR	Garton, A.J., et al. "Regulation of fibroblast motility by the protein tyrosine phosphatase PTP- PEST" J Biol Chem (February 1999) 274(6):3811-3818.

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



FORM PTO-1449 (REV.7-80)	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	APPLICATION NO.
		540057.412USPC	10/517,760
		APPLICANTS Zaihui Zhang et al.	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		INT'L FILING DATE	GROUP ART UNIT
		June 11, 2003	N/A

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
BB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	Hatchard, W.R. "The synthesis of isothiazoles. II. 3,5-dimercapto-4-isothiazolecarbonitrile and its derivatives" J Org Chem (March 1964) 29(3):665-668.
BD	Reiser, J., e al. "Regulation of mouse podocyte process dynamic by protein tyrosine phosphatases rapid communication" Kidney Int (2000) 57(5):2035-2042.
BE	Takekawa, M., et al. "Chromosomal localization of the protein tyrosine phosphatase G1 gene and characterization of the aberrant transcripts in human colon cancer cells" FEBS Letters (1994) 339(3):222-228.
BF	Yang, Q.; Co, D.; Sommercorn, J.; Tonks, N. K.: Cloning and expression of PTP-PEST: a novel, human, nontransmembrane protein tyrosine phosphatase. J. Biol. Chem. 268(9): 6622-6628, (1993).
BG	
BH	
BI	
BJ	
BK	
BL	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).